

WHAT IS CLAIMED IS:5  
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1. A magnetic head device comprising:  
a base member;  
a thin-film magnetic head which is in contact  
with the base member and is accommodated in a non-magnetic  
10 layer, with a magnetic gap being exposed;  
an auxiliary member which sandwiches the non-  
magnetic layer between the auxiliary member and the base  
member; and  
a slider surface on which magnetic tape slides  
15 in one of a first direction along which the base member,  
the non-magnetic layer, and the auxiliary member are  
arranged, and a second direction which is inclined at a  
predetermined angle to the first direction.

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2. The magnetic head device as claimed in claim  
1, wherein the thin-film magnetic head is a  
25 magnetoresistive head.

- 30 3. The magnetic head device as claimed in claim  
1, wherein the non-magnetic layer on the slider surface  
has an area of 0.02 mm × 0.08 mm or less.